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(54) METHOD FOR EMBRYOID BODY FORMATION AND USE THEREOF

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for forming an embryoid body from an embryonic stem cell, with which an embryoid body can be stably formed in high efficiency even by using either a serum medium or a serum-free or even at a relatively low density of an embryonic stem cell, a method for differentiating and inducing a functional cell usable for cell and organ transplantation medical treatment from an embryonic stem cell, to obtain a medium and a differentiation inducer useful for the method, the differentiation-induced cell and to provide a method for use thereof.

SOLUTION: This method for forming an embryoid body from an embryonic stem cell is characterized by comprising a process for culturing an embryonic stem cell using a medium containing a specific factor. This medium is used for the method. This differentiation inducer is used for the method. This method for differentiated cell induction using the method is provided. The differentiation-induced cell is obtained. This method for use thereof is provided.

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